PLANS FOR CONSTRUCTION OF:

TONGUE RIVER RESERVOIR STATE PARK CAMPERS AND PEE WEE POINT CAMPGROUND IMPROVEMENTS PROJECT

NEAR DECKER, MONTANA FWP #7096502

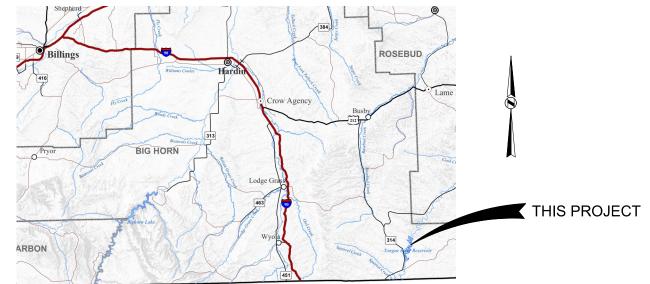
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PROJECT LOCATION MAP



NEW FE	ATURES		
	EXISTING GRAVEL SURFACING RESTORATION	s	ELECTRICAL PEDESTAL GRAVITY SEWER LINE
	NEW GRAVEL SURFACING	w	WATER LINE
	NEW CONCRETE	—— FM —— —₩—	SEWER FORCE MAIN WATER HOOKUP
	BUILDINGS	-s→	SEWER HOOKUP
(W39)	CAMP SPACE IDENTIFICATION #	M	WATER VALVE
0	LANDSCAPING ROCK	°co	SEWER CLEAN OUT
—6 " С—	CONDUIT	80	PUMP CONTROL PANEL
EXISTIN	G FEATURES		
	ASPHALT		BUILDINGS
81.5.5	GRAVEL	٦	POWER POLE
	CUI VFRT	@	WELL



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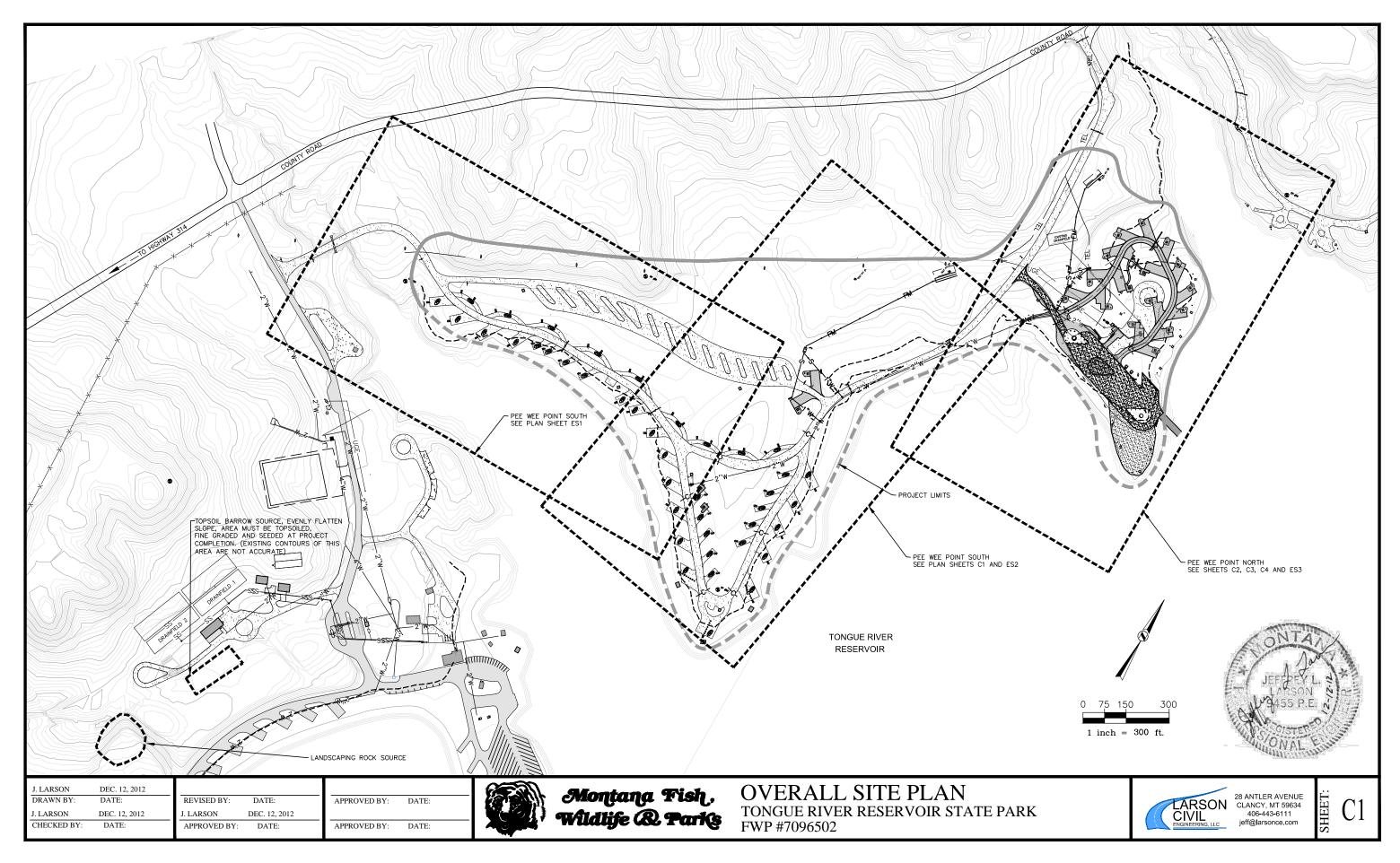
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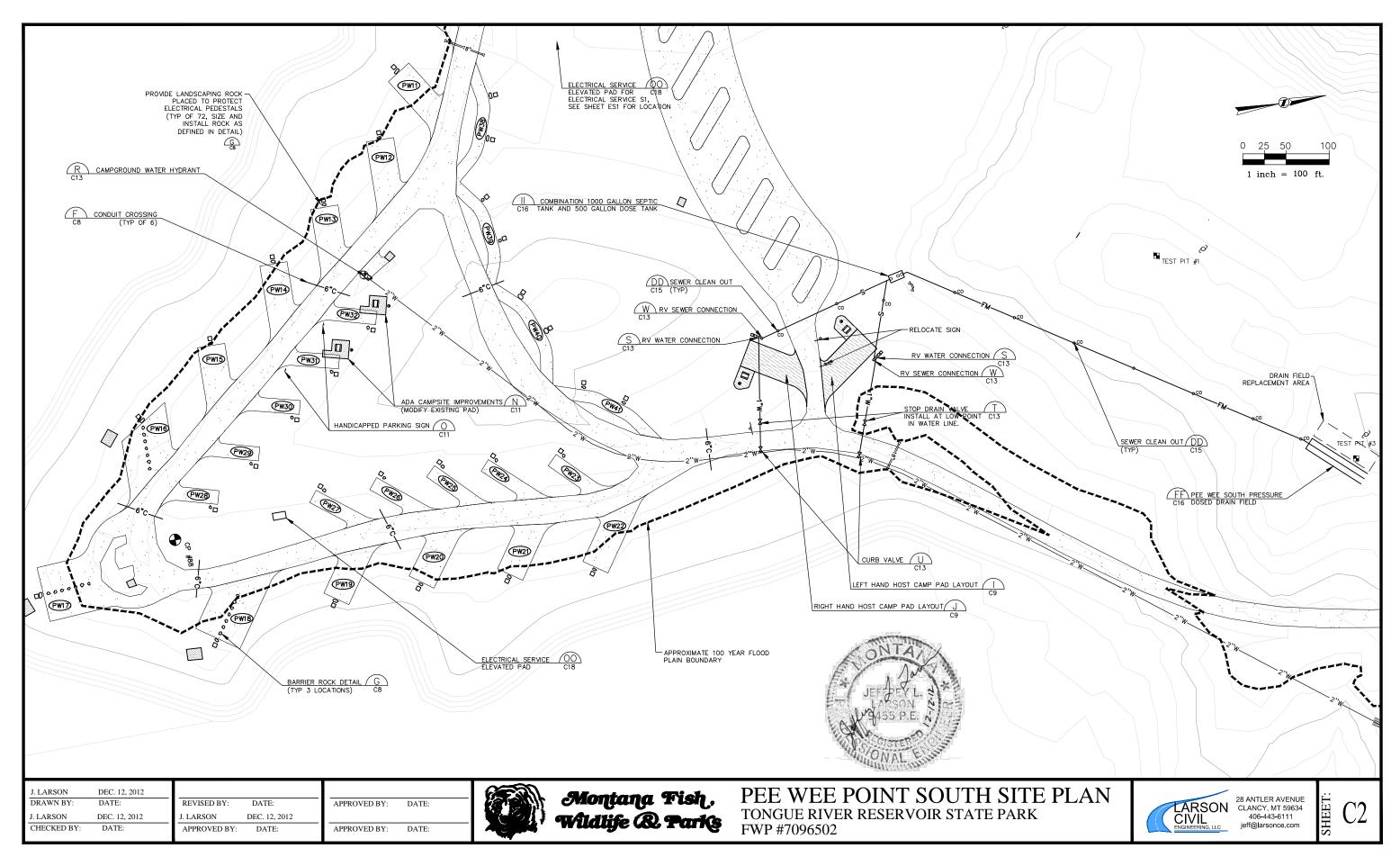


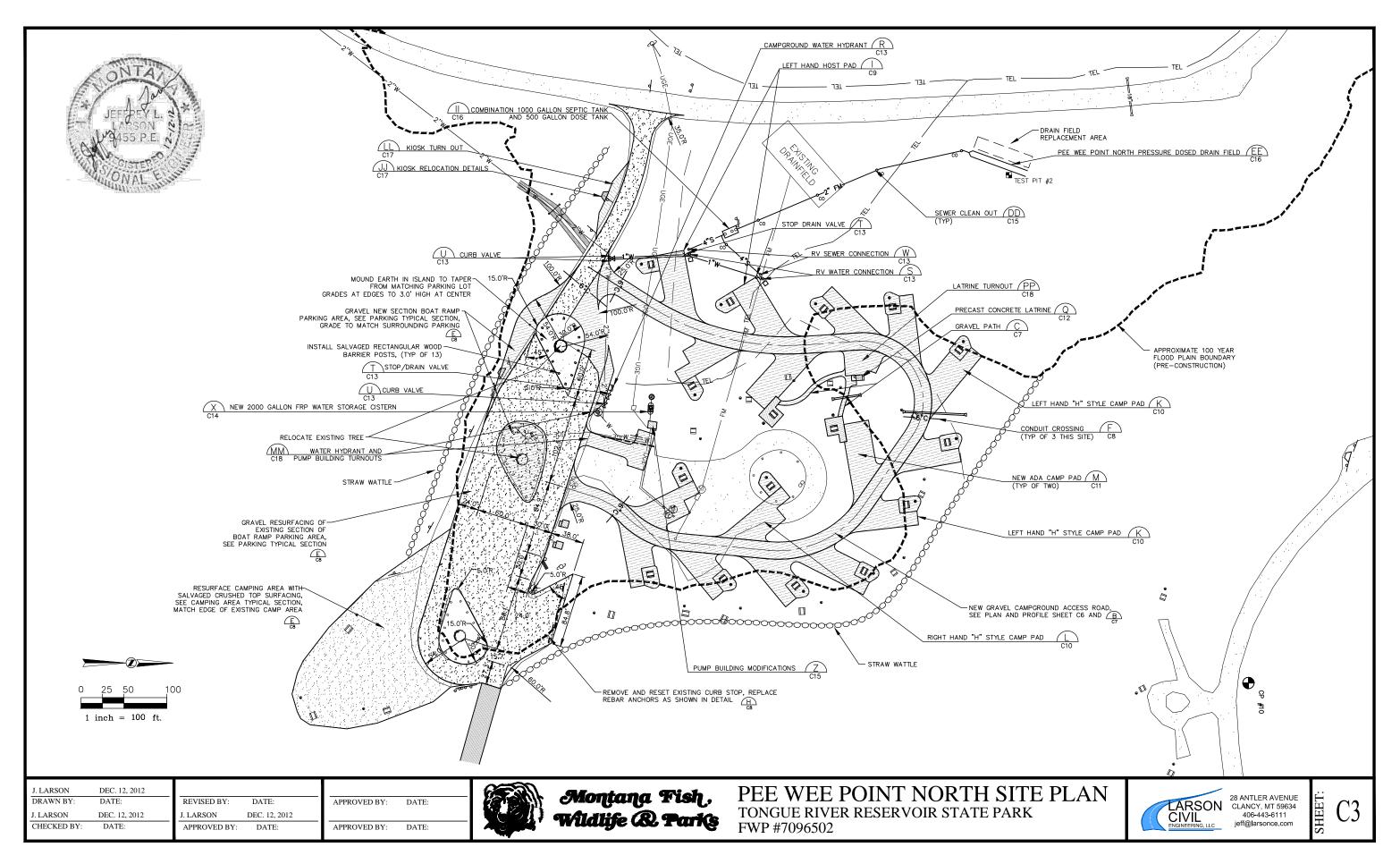
TITLE SHEET TONGUE RIVER RESERVOIR STATE PARK FWP #7096502

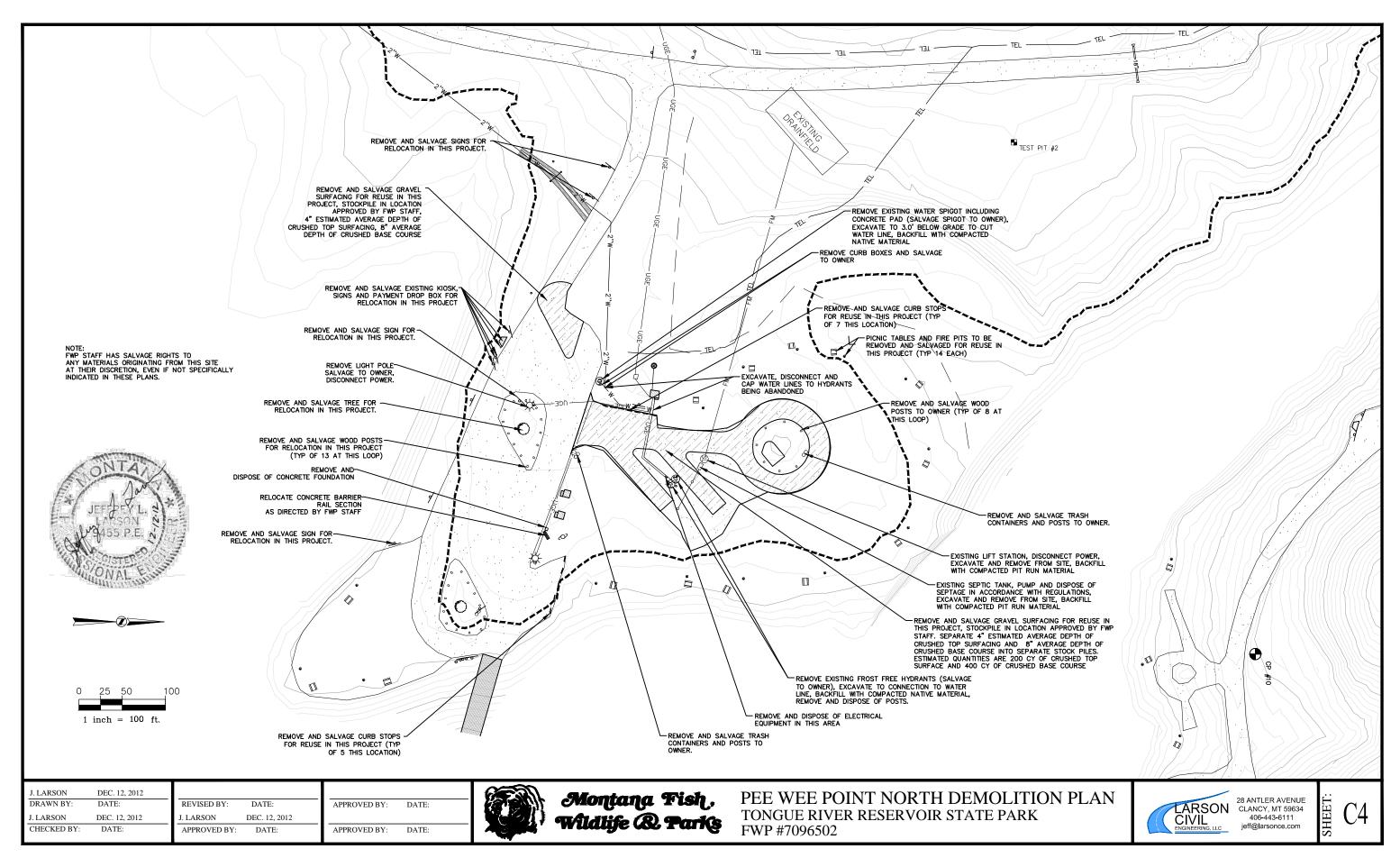


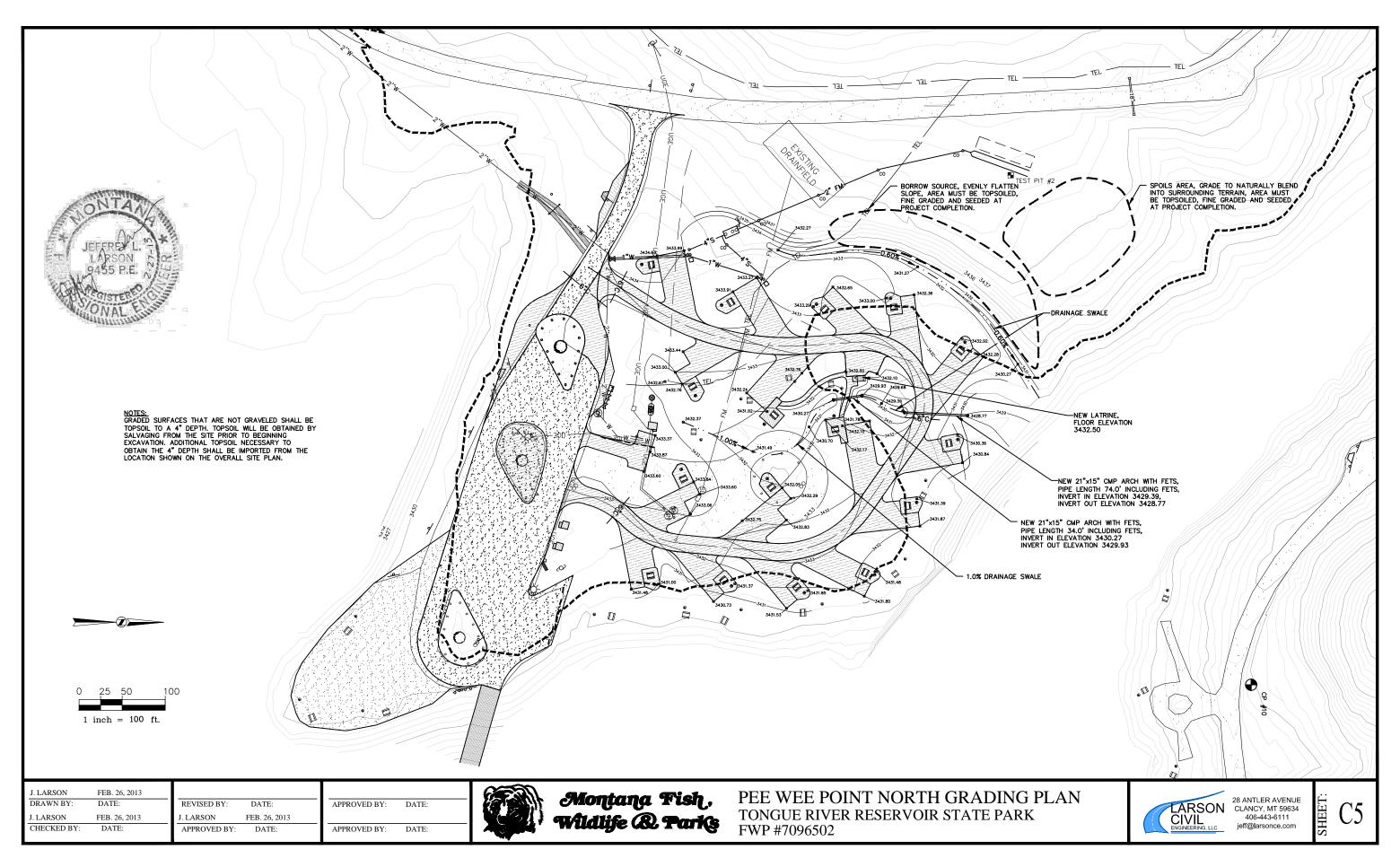


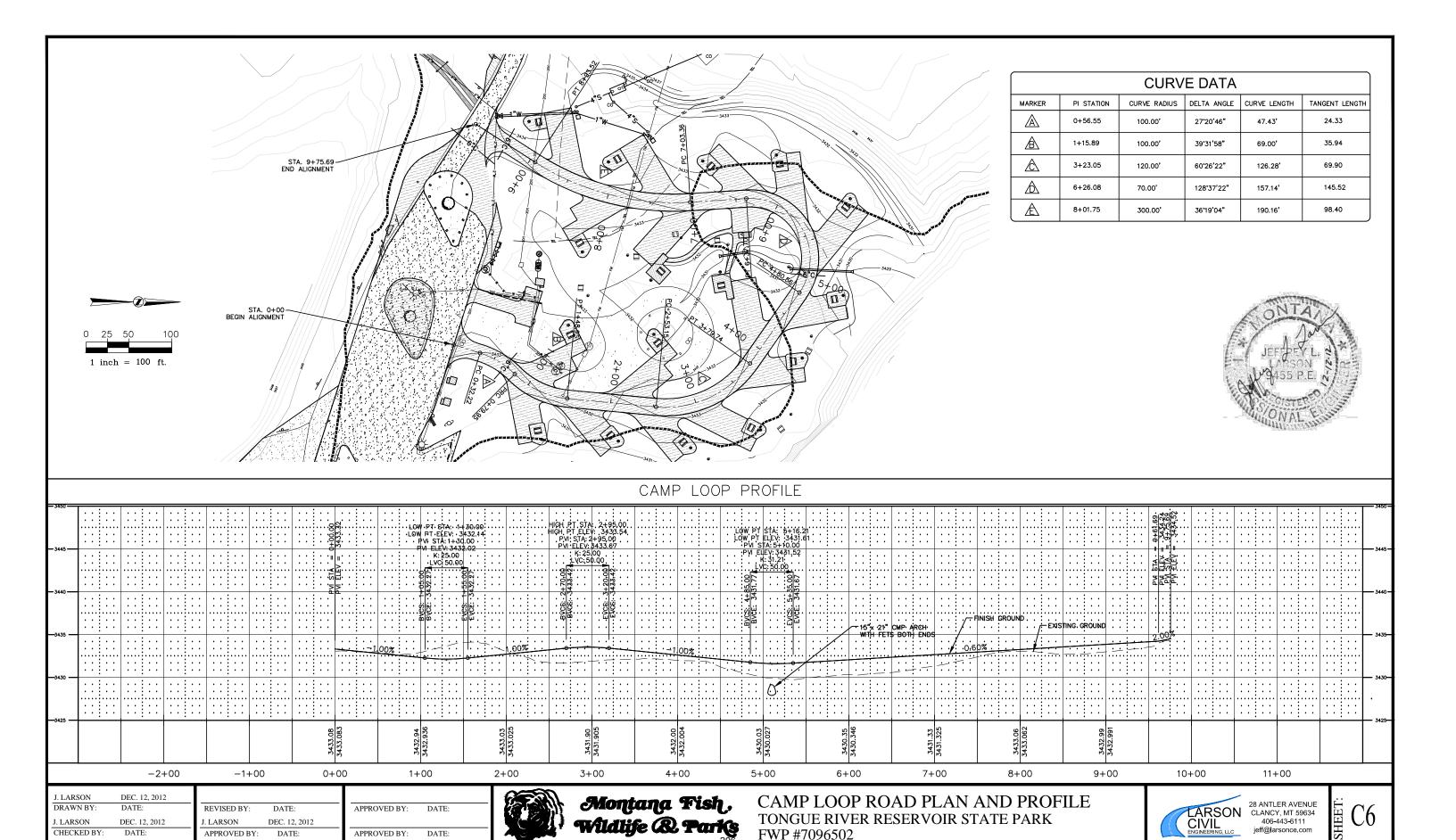












CONSTRUCTION NOTES:

- ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH "MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS", SIXTH EDITION (MPW).
- BEDDING MATERIAL SHALL BE CLEAN AGGREGATE, WITH A MINIMUM OF 90% RETAINED ON A #4 SEIVE.
- 3. BEFORE DIGGING, CALL 811 FOR LOCATION OF EXISTING UTILITIES.
- CRUSHED BASE COURSE SHALL BE 1" MINUS PER MPW SPECIFICATIONS.
- CONCRETE SLABS AND SIDEWALK SHALL BE REINFORCED WITH FIBER MESH, CROSS SLOPE ALL CONCRETE AT 1.5%, UNLESS OTHERWISE INDICATED.
- 6. ALL DISTURBED AREAS SHALL BE TOPSOILED AND SEEDED AND MULCHED. TOPSOIL SHALL BE SALVAGED FROM THE SITE WITH ADDITIONAL IMPORTED TOPSOIL AS DIRECTED. SEED MIX SHALL BE NATIVE UPLAND GRASSES.
- 7. CRUSHED TOP SURFACING FOR GRAVEL SURFACING SHALL MEET THE FOLLOWING SPECIFICATIONS INCLUDING BINDER OR BLENDING MATERIAL:

SIEVE SIZE	% PASSIN
3/4" SIEVE	100%
No. 4 SIEVE	40-80%
No. 10 SIEVE	25-60%
No. 200 SIEVE	8-20%

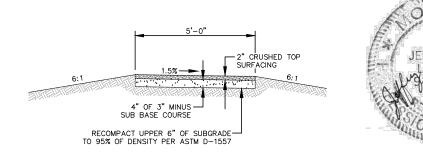
IN ADDITION, THE PORTION PASSING THE NO. 200 SIEVE CANNOT EXCEED 2/3 OF THE PORTION PASSING THE #40 SIEVE; THE MAXIMUM LIQUID LIMIT FOR THE MATERIAL PASSING THE NO. 40 SIEVE SHALL NOT EXCEED 35. WHILE THE PLASTICITY INDEX CAN VARY BETWEEN 3 AND 10: THE WEAR FACTOR SHALL NOT EXCEED 50% AT 500 REVOLUTIONS; AND AT LEAST 20% OF THE AGGREGATE RETAINED ON NO. 4 SIEVE SHALL HAVE A FRACTURED FACE.

- 8. THE CONTRACTOR SHALL REMOVE AND RESET ALL PICNIC TABLES AND FIRE PITS IN CONFLICT WITH CONSTRUCTION. NEW LOCATIONS SHALL BE AS SHOWN IN THE PLANS.
- THE CONTRACTOR SHALL REMOVE AND RESET ALL CONCRETE CURB STOPS IN CONFLICT WITH CONSTRUCTION. NEW LOCATIONS SHALL BE AS SHOWN IN THE PLANS.
- 10. ALL TRENCH BACKFILL ON THIS PROJECT SHALL BE TYPE A AS DEFINED BY THE MPW SPECIFICATION. THIS REQUIRES ALL TRENCH COMPACTION. TO AT LEAST 95% OF MAXIMUM DRY DENSITY DETERMINED BY AASHTO T99 OR BY ASTM D698. THE COMPACTION SECTION OF THIS SPECIFICATION SHALL ALSO APPLY TO ELECTRICAL TRENCHES.
- 11. ALL EXCAVATION AND EMBANKMENT ON THIS PROJECT, EXCLUDING TRENCH EXCAVATION AND BACKFILL, SHALL MEET THE REQUIREMENTS OF MPW SPECIFICATION 02/230 STREET EXCAVATION, BACKFILL AND
- 12. CRUSHED TOP SURFACE SHALL BE PLACED AND COMPACTED AS IDENTIFIED IN MPW SPECIFICATION 02/235 CRUSHED BASE COURSE.
- 13. ALL BURIED SEWER PIPE SHALL BE SCHEDULE 40 PVC.
- 14. PROVIDE HYDRAULIC SEEDING OF ALL DISTURBED AREAS IN COMPLIANCE WITH MPW SPECIFICATION 02/920 HYDRAULIC SEEDING. SEED MIX SHALL BE APPLIED AT A RATE OF 16 LBS PER ACRE. THE SEED MIX SHALL AS FOLLOWS:

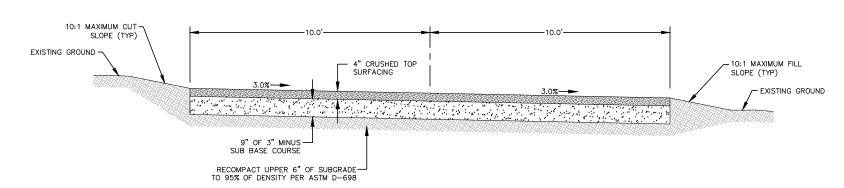
GRASS SPECIES	% PLS COUN
STREAMBANK WHEATGRASS	40%
WESTERN WHEATGRASS	20%
SHEEP FESCUE	20%
BLUE GRAMA	20%

MPW STANDARD DRAWINGS

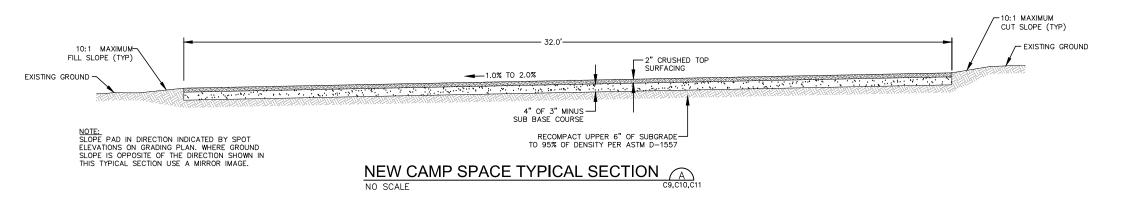
02221-1 TYPICAL UTILITY TRENCH PIPE BEDDING ALTERNATE











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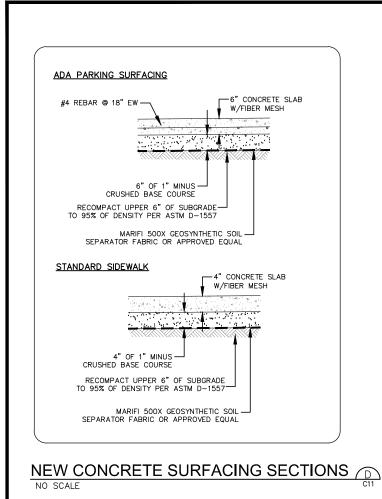
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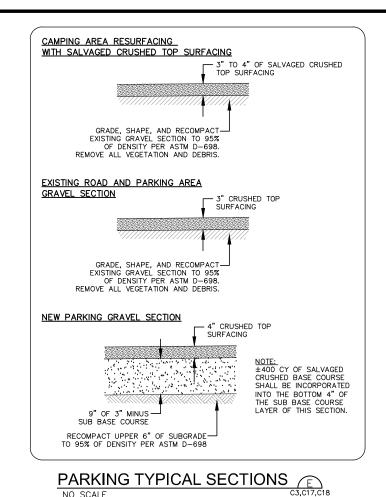


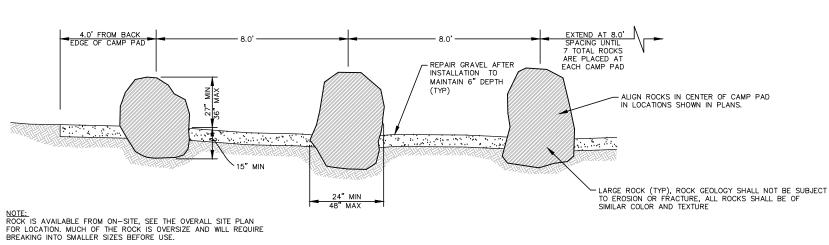
TYPICAL SECTIONS & NOTES TONGUE RIVER RESERVOIR STATE PARK FWP #7096502



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FINISHED GROUND SURFACE

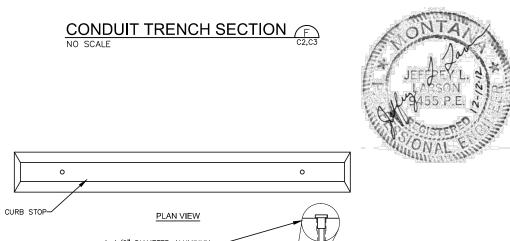
CONDUIT ENDS

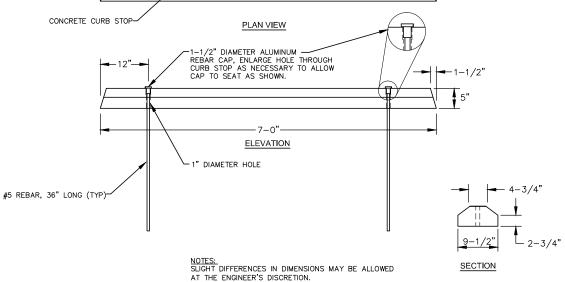
PIPE BEDDING

6" SCHEDULE 80 PVC PIPE

NOTES:

- EXTEND CONDUIT 10.0' BEYOND EDGE OF EXISTING OR NEW GRAVEL.
- INSTALL 6" PVC CAPS AT BOTH PIPE ENDS, DO NOT GLUE.
- 3. INSTALL CONDUIT ON A STRAIGHT LINE GRADE BETWEEN PIPE ENDS.
- 4. REMOVE AND REPLACE GRAVEL SURFACING AT EXISTING ROAD CROSSINGS. MATCH SURFACING SECTION FOR NEW GRAVEL ROADS.
- REMOVE AND REPLACE EXISTING TOPSOIL. SEED ALL DISTURBED AREAS THAT ARE NOT GRAVELED.
- MARK PIPE ENDS WITH #5 REBAR, 30" LONG, TOPPED WITH A BLUE PLASTIC SURVEY CAP MARKED "CONDUIT END", SET TOP OF CAP 1" ABOVE GROUND LEVEL.





CONCRETE CURB STOP DETAIL H C3,C9,C10,C11,C18

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BARRIER ROCK DETAIL (G)



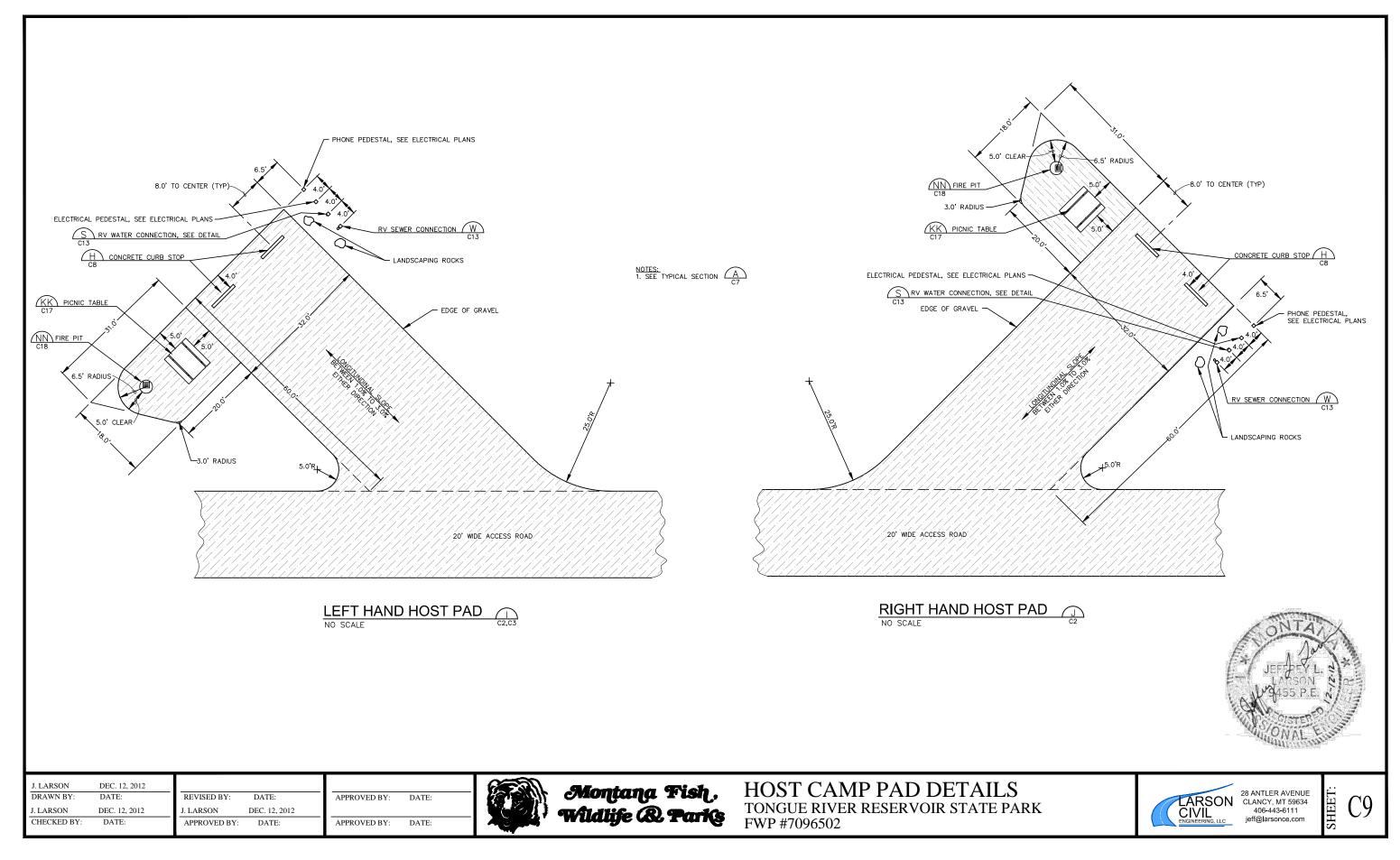
Montana Fish . Wildlife & Parks

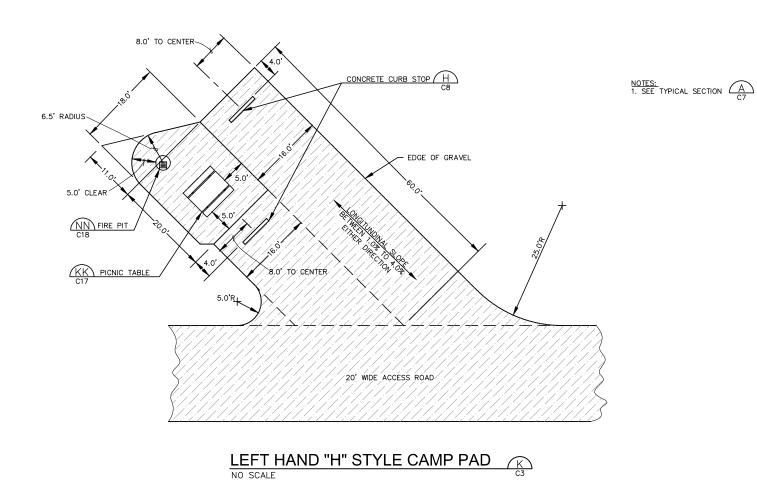
SECTIONS AND DETAILS TONGUE RIVER RESERVOIR STATE PARK FWP #7096502

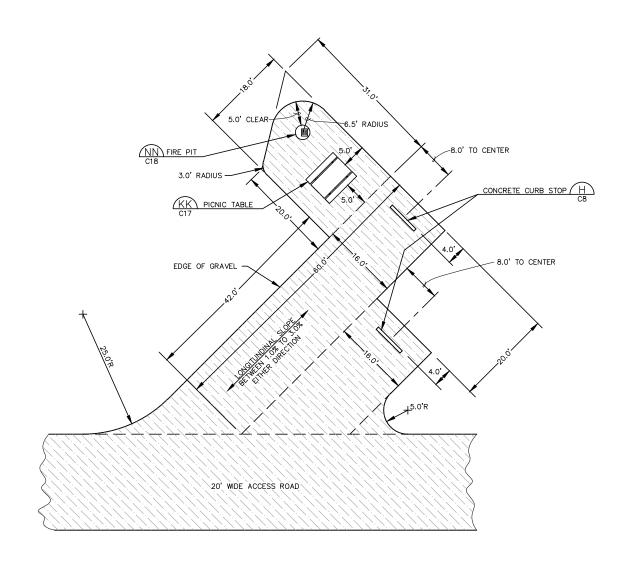


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гаанк С8







 $\underbrace{ \text{RIGHT HAND "H" STYLE CAMP PAD }_{\text{NO SCALE}}}_{\text{NO SCALE}}$



C10

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"H" STYLE CAMP PAD DETAILS TONGUE RIVER RESERVOIR STATE PARK FWP #7096502



